

respectfully request reconsideration of the instant application in view of the following amendments and remarks.

IN THE CLAIMS

Please **amend** claim 1 with the following rewritten claim:

- B¹
1. (TWICE AMENDED) A process for the manipulation of biological cells, in which the cells are applied to a substrate, which is at least partially structured and/or surface modified, and move adhesively over surface track regions of the substrate while producing cell traces and cell tests are performed on the cell traces.

Please **amend** claim 42 with the following rewritten claim:

- B²
42. (AMENDED) A device for cell trace based testing of biological cells with a substrate having surface regions, on which the cells adhere more poorly than on surface track regions wherein the surface track regions are arranged for the adhesion of cell traces.

Please **amend** claim 48 with the following rewritten claim:

- B³
48. (AMENDED) A process for cell trace based cultivation of biological cells, in which the cells are applied to an at least partially structured and/or surface modified substrate and move adhesively over the surface of the substrate while producing cell traces and a cultivation of the same or a different type of cells is performed on the cell traces.

Please **amend** claim 50 with the following rewritten claim:

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50. (AMENDED) The process of testing the properties of cells for medical, biochemical, and/or pharmacological purposes, or for biocompatible modification of the surfaces of implant materials, by using cell traces on substrates.

[Please **amend** claim 51 with the following rewritten claim:]

- B²
51. (AMENDED) The process for the manipulation of biological cells, in which the cells are applied to a substrate, which is at least partially structured and/or surface modified, and move adhesively over surface track regions of the substrate while producing cell traces, wherein the cell traces contain genetic materials of the cells, and the genetic materials are subjected to amplification and the amplified genetic material is subjected to a genetic analysis.
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